

# NEBRASKA WEATHER & CROPS



Week Ending June 28, 1987

Issue: 16-87

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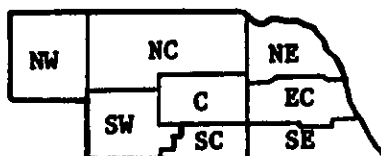
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## WEATHER

Summer weather prevailed this past week with temperatures averaging near normal. Average temperatures ranged from three degrees below normal in the west to normals in the east. Scattered thunderstorms at the middle and end of the week produced rainfall in nearly all sections ranging from a few tenths up to locally two inches or more.

## GENERAL

Wheat harvest was active in the southern third of the State. Warm, dry days during the week pushed along the maturing of wheat and oats. Irrigation was the primary field activity last week with crops making good progress. Other field activities during the week consisted of spraying crops for insect and weed control as cultivating and hilling were nearing completion. Scattered thunderstorms across sections of the State over the weekend caused considerable crop damage in the southwest and central counties with reports of baseball size hail in some counties. The number of days suitable for fieldwork averaged 6.0 days for Nebraska.

Topsoil moisture rated 29% short, 69% adequate and 2% surplus. Subsoil moisture rated 2% short, 96% adequate and 2% surplus. A year ago, topsoil moisture rated 58% short, 38% adequate and 4% surplus. Subsoil supplies were 17% short, 81% adequate and 2% surplus.

## CROPS

Winter wheat condition rated 13% fair, 85% good and 2% excellent. Wheat turning color progressed to 100% compared to 91% last year and 74% average. Wheat ripe advanced during the week to 40% ripe compared to 34% last year and 16% average.

## Precipitation, April 1 - June 26, 1987

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.45	.13	.45	.15	.57	.51	.62	.32
Total since April 1 .....	7.38	7.08	6.49	6.69	8.03	9.24	8.96	11.45
Normal since April 1 .....	8.03	8.86	10.43	9.75	10.96	8.02	9.93	11.65

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## CROPS (Cont.)

Harvesting was most advanced in the southeast with nearly one-third combined. For the State, wheat harvested stood at 15% complete compared to 8% last year and 4% average. Early reports show some above average yields and test weights being recorded. Yield damage from Russian wheat aphids in western Nebraska will not be determined until harvest begins.

Corn condition rated 7% fair, 78% good and 15% excellent. Corn fields were reported to be looking good with spraying for corn borers continuing. Problems surfaced with chinch bugs in the southeast and rootworms in later planted north central fields.

Soybean crop condition rated 33% fair, 63% good and 4% excellent. Soybeans had started to bloom in the east.

Sorghum crop condition rated 26% fair, 61% good and 13% excellent. Chinch bugs were reported damaging some fields in the southeast.

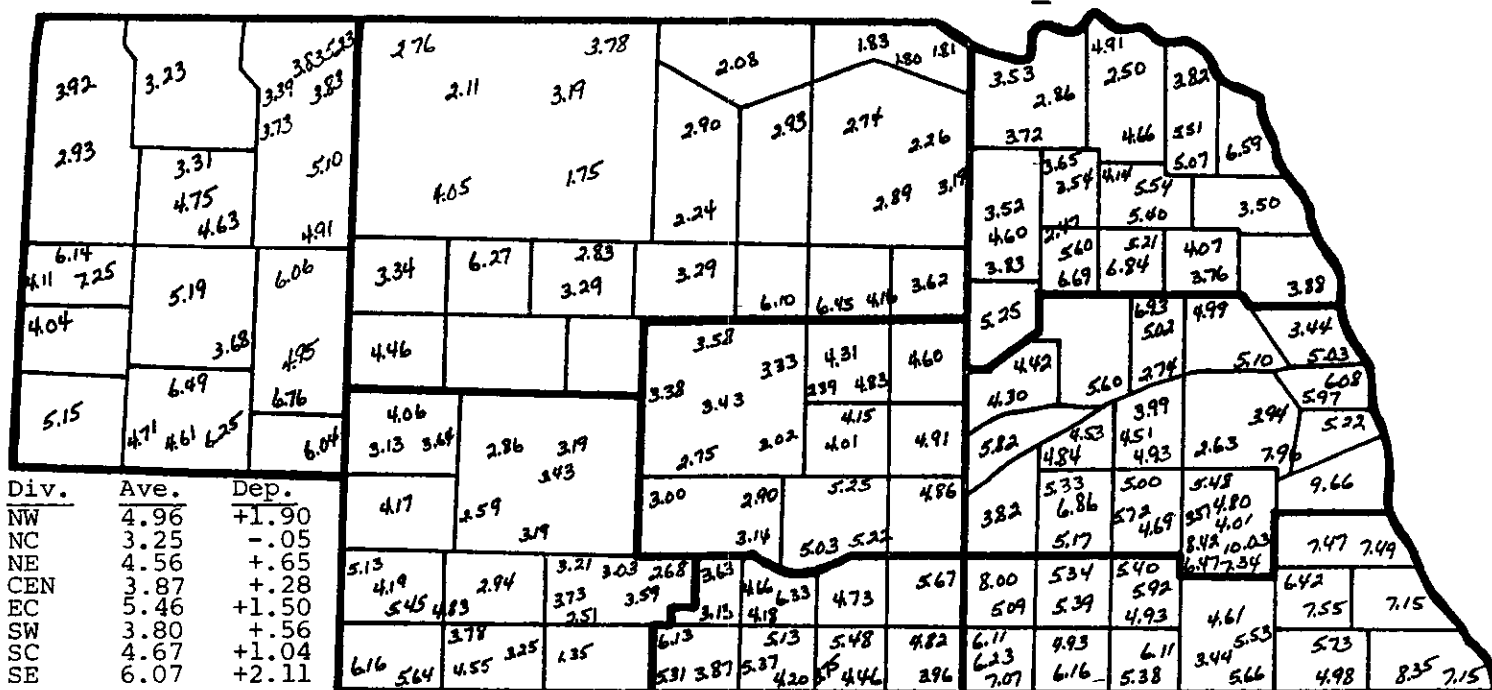
Alfalfa crop condition rated 1% poor, 23% fair, 75% good and 1% excellent. First cutting was 100% complete compared to 99% last year and ahead of the average of 90%. Second cutting is underway and is 15% complete compared to 14% last year and ahead of the 9% average. Alfalfa weevils and leaf spot were reported in the northwest. Our first report of oats harvested, at 2%, was ahead of last year and average.

Russian wheat aphids continued to be present in spring grain and CRP grass seedlings in western border counties. The Russian wheat aphid infested spring grains in those western counties.

## LIVESTOCK

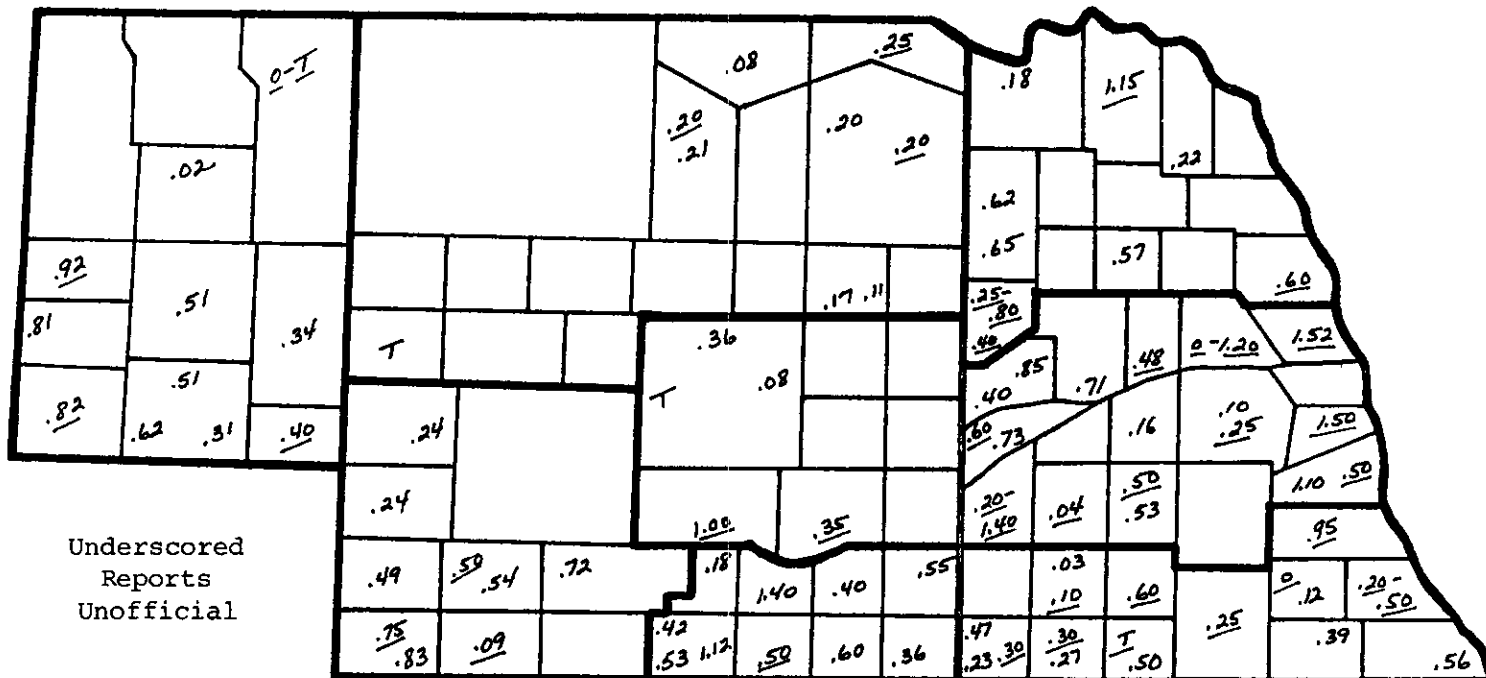
Range and pasture feed supplies rated 2% short, 91% adequate and 7% surplus. Cattle and calves continue to make good gains with pastures in good shape.

# PRECIPITATION MAP FOR MONTH OF MAY 1987 1/



1/ Courtesy of the Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

## PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 26, 1987



## TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JUNE 28, 1987

Station		Temperature				Precipitation
		Extremes		Mean	Departure	Total Inches 1/
		Max	Min			
NW	Chadron	94	43	67	--	.14
	Scottsbluff	94	47	68	-2	.93
	Sidney	91	47	67	--	0
NC	Ord	92	49	71	--	0
	Valentine	95	48	68	-3	.24
NE	Norfolk	93	47	72	-1	.09
	Sioux City	94	52	73	0	.45
CEN	Grand Island	92	52	73	-1	.27
EC	Lincoln	92	53	75	0	1.28
	Omaha	92	56	74	0	.61
SW	Imperial	--	--	--	--	--
	North Platte	92	48	69	-2	1.39

1/ Precipitation totals not included in map above.